



CANADIAN COAST GUARD SHIP NARWHAL

The Canadian Coast Guard Ship NARWHAL returned to the west coast in late 1991 to rejoin Western Region's Fleet. Victoria, B.C. is homeport to a crew of 28 which includes navigation, engineering, and logistics officers and deck, engine room and catering personnel. Advanced training in search and rescue, firefighting and pollution response enable crewmembers to handle most situations encountered during the ship's four week patrol.

The vessel was built in 1962 by Canadian Vickers Shipyards, Montreal, Quebec, to support the Arctic Summer Sealift program, supplying Eastern Arctic communities. CCGS NARWHAL has also seen duty on both Atlantic and Pacific coasts as a buoy and lighthouse tender.

A major mid-life modernization in the mid 1980s greatly increased the vessel's flexibility and capability. Improvements included replacing the main engines with two Ruston GRKCM diesels with 1450 horsepower per shaft, new gearboxes coupled with controllable pitch propellers, a bowthruster, refurbishing the accommodations and adding a helicopter deck.

Having a helicopter deck has expanded the effective operating range of CCGS NARWHAL. Helicopters make it easier to fuel and service the mountaintop radio sites that span the coast, as well as servicing remote navigational aids for maritime and aviation usage.

CCGS NARWHAL

Particulars:

Length, Overall	79.26	metres
Maximum beam	12.80	metres
Draft	3.75	metres
Displacement, full load	2220	tonnes
Gross tonnage	2093.71	GT
Net tonnage	934	RT
Power	2900	HP
Electrical	200	kW
Cruising speed	12	knots
Maximum speed	13	knots
Fuel	472.8 k	litres
Water	48.6 k	litres
Fuel Consumption		
•at anchor	41	litres/hour
•cruising	148	litres/hour
•maximum	247	litres/hour

CCGS NARWHAL's primary role is to maintain navigational aids, including 36 staffed lightstations, 1,300 beacons and 576 buoys. In the course of these duties the CCGS NARWHAL makes supply trips to remote lighthouses, delivering everything from fuel to food.

CCGS NARWHAL is available for search and rescue, and is often required to assist mariners in difficulty. The vessel is equipped with two high speed rigid hull inflatables, salvage pumps, firefighting equipment, first aid specialists and berths for 56 persons.

The vessel is also equipped with an oil boom and can be called upon to combat oil spills. Fisheries & Oceans, R.C.M.P. and B.C. Ambulance are a few of the government agencies that call upon CCGS NARWHAL for assistance.

CCGS NARWHAL is operated by a complement of 28 consisting of ten officers, two petty officers, and 16 crew members.

For further information contact:

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Canadian
Coast Guard

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